

Ben Gridley

Data Security Specialist, State of Utah

Botnets: Bots, Masters, and Zombies Oh My!

This presentation will discuss how hackers are using the internet for power and money. Hacking has become more complex and organized. We will focus on botnets, what they are, how they are created, and what they can be used for. We will also analyze the traffic of a compromised machine, using tools such as tcpdump, and ethereal. Some other tools will be discussed that will help detect and protect computers from joining the ranks of a zombie. Is your computer a zombie?

Ben Gridley has been working with computer security on one of Utah's largest computer networks. While working for the State of Utah in the Department of Technology Services, Ben has been able to learn many of the data security secrets and has gained expertise in configuring and using network sniffers, intrusion detections systems, and many other security tools. Ben has also given presentations throughout the state to various groups on security-related topics. Ben grew up in Southern Utah and currently lives in Utah County with his wife and daughter.

Michael W. Allred

Chief Information Security Officer, State of Utah

Harmful Hacking 201

This presentation will cover the expanding threat of cyber crimes. It will include a basic definition of cyber crimes, and an overview of today's greatest threats and the motivation behind them. Also covered will be some specific attacks and tools, like Google Hacking, SpyWare and Phishing. Mr. Allred will also share ideas on how we can better secure cyberspace and better protect ourselves as individuals and our businesses.

Mr. Allred has more than 15 years of experience in leading technical teams and managing technical projects. Mr. Allred has served for the last three years as the Chief Information Security Officer for the State of Utah, where he has implemented a number of information security initiatives to enhance the security of the State of Utah's Wide Area Network. Prior to this position Michael worked as the VP of Technical Operations for Digital Signature Trust, a Salt Lake City based Certificate Authority. He also served as the IT Director of Information Services for the State of Utah's Department of Community and Economic Development. Mr. Allred received his Bachelors degree from Weber State University. He is a native of Utah and enjoys many of the outdoor activities Utah has to offer. He lives with his wife and four kids in Davis County.

Sue Giatras

Data Security Specialist, State of Utah

Security Awareness Outreach

The State of Utah has partnered with the Multi-State Information Share and Analysis Center (MS-ISAC) to offer training material and ideas for awareness programs for State and Local Government agencies. This presentation will cover the State of Utah's security awareness outreach program and the training material that is available to local municipalities and governments.

Mrs. Giatras has more than 25 years of experience in Information Security. She has led a team in designing the State of Utah security website and online security awareness program. She has worked in all aspects of IT security from mainframe to the local area networks, and witnessed the many changes in the industry. Mrs. Giatras is a native of Utah and enjoys many outdoor activities. She resides in Davis County with her husband.